

What is Claimed is:

1. A method of providing cooling to a carbon dioxide dry cleaning system employing a liquid carbon dioxide cleaning solution to clean articles, comprising the steps of:

decreasing pressure in a first tank;  
vaporizing solution in the first tank to form carbon dioxide vapor; and  
transferring vapor from the first tank to a vapor tank.

2. A method according to Claim 1 wherein the first tank is a wash tank.

3. A method according to Claim 1 wherein the first tank is a working tank.

4. A method according to Claim 1 wherein the first tank is at a higher pressure than the vapor tank.

5. A method according to Claim 1 further comprising the steps of:  
pumping the carbon dioxide vapor from the vapor tank to a condenser utilizing a compressor; and  
condensing the vapor to form liquid carbon dioxide.

6. A method according to Claim 5 further comprising the step of:  
transferring the liquid carbon dioxide from the condenser to a working tank.

7. A method according to Claim 5 further comprising the step of:  
transferring the liquid carbon dioxide from the condenser to a liquid carbon dioxide collecting tank.